

II. AMENDMENTS TO CLAIMS

This listing of claims replaces all prior versions and listing of claims in the application.

Claims 1-10 (cancelled)

Claim 11 (withdrawn): A system for creating a spectral display, comprising:

- (a) at least one source of light, wherein said light is within the visible spectrum; and
- (b) at least one prismatic element, wherein said prismatic element further comprises:
 - (i) a fluid light dispersing medium; and
 - (ii) a highly reflective surface placed within said light dispersing medium, and wherein the angle of said reflective surface is adjustable relative to said source of light.

Claim 12 (withdrawn): The system of claim 11, further comprising an array of said prismatic elements, and wherein said prismatic elements in said array are arranged in a semi-arc relative to one another, and wherein said array can be selectively positioned relative to said source of light.

Claim 13 (withdrawn): The system of claim 11, further comprising at least two adjustable reflective surfaces placed within said light dispersing medium, and wherein said at least two adjustable reflective surfaces are substantially parallel to one another within said light dispersing medium.

Claim 14 (withdrawn): The system of claim 11, further comprising a supportive frame for containing said array and said fluid light dispersing medium.

Claim 15 (withdrawn): The system of claim 11, further comprising at least one target surface for said spectral display.

Claim 16 (withdrawn): The system of claim 11, wherein said at least one source of light an artificial light source, the sun, or combinations thereof.

Claim 17 (withdrawn): The system of claim 11, wherein said fluid light dispersing medium further comprises water.

Claim 18 (withdrawn): The system of claim 11, wherein said reflective surface further comprises a plate glass mirror.

Claim 19 (withdrawn): The system of claim 11, wherein said fluid light dispersing medium further comprises a preservative to prevent the growth of microorganisms in said fluid.

Claim 20 (withdrawn): The system of claim 11, wherein said fluid light dispersing medium further comprises substantially clear antifreeze for reducing any tendency of said fluid to freeze.

Claim 21 (cancelled)

Claim 22 (withdrawn): A system for creating visible spectral displays, comprising:

(a) at least one monolithic prismatic device, wherein the monolithic prismatic device further comprises:

(i) at least one planar light-admitting surface, wherein at least a portion of the at least one light admitting surface further comprises a clear, polished window;

(ii) at least one planar light-reflecting surface, wherein the angle of the at least one light-reflecting surface is fixed relative to the position of the at least one light-admitting surface; and

(iii) a substantially solid light-dispersing medium disposed between the at least one light-admitting surface and the at least one light-reflecting surface; and

(b) a source of white light, wherein the white light enters the at least one prismatic device through the window and is dispersed into the spectrum of visible colors by the light-dispersing medium, and wherein the at least one light-reflecting surface reflects a portion of the dispersed light back out of the prismatic device through the window for creating a visible spectral display.

Claim 23 (withdrawn): The system of claim 22, further comprising a display surface for visually displaying the spectral display created by the dispersed light exiting the at least one prismatic device through the window.

Claim 24 (withdrawn): The system of claim 23, further comprising a flexible base attached to the at least one prismatic device, wherein the flexible base allows the prismatic device to be adjusted relative to the source of white light and relative to the display surface.

Claim 25 (withdrawn): The system of claim 22, wherein the substantially solid light-dispersing medium further comprises glass, quartz, or plastic.

Claim 26 (withdrawn): The system of claim 22, wherein the at least one light-reflecting surface further comprises a mirror.

Claim 27 (withdrawn): The system of claim 22, wherein the light-dispersing medium further comprises glass, quartz, or plastic.

Claim 28 (withdrawn): A prismatic device for creating directional spectral displays from a source of visible, white light, comprising:

- (a) a first optically active surface, wherein the first optically active surface further comprises at least one light-admitting surface, and wherein the at least one light-admitting surface further includes a window adapted to receive white light;
- (b) a second optically active surface, wherein the second optically active surface further comprises at least one light-reflecting surface, and wherein the angle of the at least one light-reflecting surface is fixed relative to the at least one light-admitting surface; and
- (c) a substantially solid light-dispersing medium disposed between the first and second optically active surfaces, wherein the substantially solid light-dispersing medium disperses the white light into the spectrum of visible colors, and wherein the at least one light-reflecting surface reflects the dispersed light back through the window for creating a spectral display.

Claim 29 (withdrawn): The prismatic device of claim 28, further comprising a base attached thereto.

Claim 30 (withdrawn): The prismatic device of claim 29, further comprising a flexible stand attached to the base for positioning the prismatic device relative to the source of visible, white light.

Claim 31 (withdrawn): The device of claim 28, wherein the first and second optically active surfaces are planar.

Claim 32 (withdrawn): The device of claim 28, wherein the substantially solid light-dispersing medium further comprises glass, quartz, or plastic.

Claim 33 (withdrawn): The device of claim 28, wherein the second optically active surface further comprises at least one mirror.

Claim 34 (withdrawn): The device of claim 28, wherein the window further includes a highly polished, clear surface.

Claim 35 (withdrawn): A method for creating a visible spectral display, comprising:

(a) directing a source of white light into at least one prismatic device, wherein the at least one prismatic device further comprises:

- (i) at least one light-admitting surface, wherein the at least one light-admitting surface further includes a polished, clear window adapted to receive white light;
- (ii) at least one light-reflecting surface, wherein the angle of the at least one light-reflecting surface is fixed relative to the at least one light-admitting surface;
- (iii) a substantially solid light-dispersing medium disposed between the at least one light-admitting surface and the at least one light-reflecting surface; and

(b) wherein the white light enters the prismatic device through the window and is dispersed into the spectrum of visible colors by the light-dispersing medium, and wherein

the at least one light-reflecting surface reflects a portion of the dispersed light back out of the prismatic device through the window.

Claim 36 (withdrawn): The method of claim 35, further comprising providing a display surface for receiving and visually displaying the spectral display created by the dispersed light exiting the prismatic device.

Claim 37 (withdrawn): The method of claim 36, further comprising the step of attaching the prismatic device to a flexible base, and wherein the flexible base allows the prismatic device to be adjusted relative to both the source of white light and the display surface.

Claim 38 (withdrawn): The method of claim 35, wherein the substantially solid light-dispersing medium further comprises glass, quartz, or plastic.

Claim 39 (withdrawn): The system of claim 35, wherein the at least one light-reflecting surface further comprises at least one mirror.

Claim 40 (withdrawn): The device of claim 35, wherein the at least one light-admitting surface is planar, and wherein the at least one light-reflecting surface is planar.

Claims 41-42 (cancelled)

Claim 43 (currently amended): A system for creating a colorful spectral display, comprising:

(a) an array of prismatic elements, wherein each prismatic element in the array further comprises:

(i) a substantially solid light-dispersing medium;

(ii) a highly reflective surface attached to the light-dispersing medium, wherein the highly reflective surface is planar; and

(iii) a window formed in the light-dispersing medium at a predetermined angle relative to the highly reflective surface, wherein the window is planar and further

includes a clear, polished surface, and wherein the angle of the reflective surface relative to the window is fixed; and

(b) at least one source of white light directed at the windows of the prismatic elements, wherein the white light enters the prismatic elements through the windows, wherein the light-dispersing medium in each prismatic element disperses the white light into a spectrum of visible colors, and wherein the highly reflective surfaces in the prismatic elements reflect at least a portion of the dispersed white light back out of the prismatic elements through the windows thereof for creating a colorful spectral display; and

(c) The system of claim 41, further comprising an array of prismatic elements, wherein the prismatic elements in the array are arranged in a semi-arc relative to one another, and wherein the array can be selectively positioned relative to the at least one source of white light.

Claim 44 (currently amended): The system of claim 43, further comprising a supportive frame for containing the array of prismatic elements.

Claim 45 (currently amended): The system of claim ~~41~~ 43, wherein the light-dispersing medium further comprises plastic, polymer, glass, or quartz.

Claim 46 (cancelled)

Claim 47 (new): The system of claim 43, further comprising a display surface for visually displaying the spectral display created by the dispersed light exiting the array of prismatic elements.

Claim 48 (new): The system of claim 43, further comprising a flexible base attached to the array of prismatic elements for selectively positioning the array relative to the source of white light.

Claim 49 (new): The system of claim 43, wherein the highly reflective surface further comprises a mirror.